

Reconnaissance/Science Measurement Definition Team (Descriptions of Experience/Expertise may not reflect full capabilities of members.)				
CO-CHAIRS				
1	LAVAGNA	Michèle	Italy	ICE ISRU & FEEDSTOCK CHARACTERIZATION, SMALL SATS, SURFACE ARCHITECTURES, REGOLITH 3D PRINTING, ICE SAMPLING, NAV/COMM
2	PLAUT	Jeffrey	United States	RADAR (SAR/Sounding), ICE DETECTION/GEO CONTEXT, LANDING SITE ANALYSIS, ANALOGUES, ATMOSPHERE, SPACE WEATHER, ORBIT OPTIMIZATION
CORE TEAM				
3	AHARONSON	Oded	Israel (US Institution)	RADAR (SAR), ICE DETECTION/DRILLING, ANALOGUES, ATMOSPHERE, LANDING SITE ANALYSIS, PLANETARY PROTECTION
4	ANDERSON	Robert	United States	GEOLOGY, GEOMECHANICAL PROPERTIES OF REGOLITH, DRILLING, ISRU, LANDING SITE ANALYSIS
5	AO	Chi	United States	RADIO OCCULTATION, ATMOSPHERE, CLIMATE
6	BERNARDINI	Fabrizio	Italy	RADAR (Sounding), GEOTECHNICAL PROPERTIES (inc. civil-engineering-related), GLACIAL OVERBURDEN, LANDING SITE ANALYSIS
7	BRAMSON	Ali	United States	RADAR (SAR, Sounding, GPR), MIDLATITUDE ICE DISTRIBUTION/OVERBUREN, POLAR STUDIES, LANDING SITE ANALYSIS, ANALOGUES, ICE CORING
8	BYRNE	Shane	United States	RADAR (Sounding, Modeling), ICE DETECTION, SURFACE ROUGHNESS, GEOLOGY, IMAGING, LANDING SITE ANALYSIS, ATMOSPHERE, GIS
9	CALVIN	Wendy	United States	ICE MAPPING, POLAR PROCESSES, GEOLOGY, CLIMATE, TRAFFICABILITY
10	DALY	Michael	Canada	RADAR (Sounding, Dielectric Measurements, Modeling), SURFACE ROUGHNESS, ANALOGUES, ISRU DRILLING, WEATHER
11	DELLA CORTE	Vicenzo	Italy	LANDING SITE ANALYSIS (Mars lander/rover/crewed landing; lunar), IMAGING, ATMOSPHERE/WEATHER/DUST
12	FERRARI	Marco	Italy	LANDING SITE ANALYSIS, IMAGING, GEOLOGY, ANALOGUES, DUST
13	FRIGERI	Alessandro	Italy	RADAR (Sounding, GPR), ICE (Polar, Glacial), GEOPHYSICAL FIELD SURVEYS, ANALOGUES, LANDING SITE ANALYSIS, GIS
14	GOLOMBEK	Matthew	United States	LANDING SITE ANALYSIS (Robotic, Human), GEOLOGY, EDL CONSTRAINTS

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15	GRANT	John	United States	RADAR (Sounding, GPR), LANDING SITE ANALYSIS (Robotic, Human), ICE-RELATED GEOMORPHOLOGY
16	GRIMA	Cyril	France (in US)	RADAR (Sounding, Modeling), GEOTECHNICAL, CRYOSPHERIC PROCESSES, ANALOGUES, EDL, CRYOSPHERIC HABITATS, SPACE WEATHER/PLASMA
17	HAMRAN	Svein-Erik	Norway	RADAR (SAR, Sounding, GPR, Modeling), ICE/PERMAFROST, GROUND DENSITY, ANALOGUES, HOT WATER DRILLING/ICE CORING
18	HARKNESS	Patrick	Scotland	ICE DRILLING, ANALOGUES, METALS EXTRACTION FROM REGOLITH, ASCENT TECHNOLOGIES, REGOLITH 3D PRINTING
19	HOFFMAN	Stephen	United States	ICE ISRU, CIVIL ENGINEERING, LANDING SITE ANALYSIS, ANALOGUES, MIDLATITUDE ICE
20	IESS	Luciano	Italy	GRAVITY MEASUREMENTS, RADIO SCIENCE
21	IMAMURA	Takeshi	Japan	RADIO OCCULTATION, NEAR-SURFACE ATMOSPHERE, VOLATILES, SUBSURFACE ICE STABILITY, DUST
22	KUMAMOTO	Atsushi	Japan	RADAR (Sounding; lunar), PERMETTIVITY STUDIES, DIGITAL ELEVATION MODELS
23	LEVY	Joseph	United States	PERMAFROST/POLAR STUDIES, ICE-RELATED GEOMORPHOLOGY, IMAGING, HUMAN LANDING SITE ANALYSIS, ANALOGUES (ICE CORING/ASTROBIO)
24	LILLIS	Robert	United States	AMOSPHERE (UV, Ionosphere Climatology), CLIMATE, SPACE WEATHER/ RADIATION, LANDING SITE ANALYSIS, SURFACE AGE DATING,
25	MAEZAWA	HiroYuki	Japan	ATMOSPHERE (water vapor/loss, trace gases), ICE-RELATED WATER CYCLE, GLOBAL CIRCULATION, DUST UPWELLING
26	MIYAMOTO	Hideaki	Japan	RADAR (GPR, Modeling), ICE-RELATED GEOMORPHOLOGY, LANDING SITE ANALYSIS, MINING/ SPACE RESOURCES, SIMULANTS FOR CONSTRUCTION
27	MUNK	Michelle	United States	HUMAN-CLASS EDL/ASCENT, SURFACE ELEMENT DESIGNS/OPS, PLUME INTERACTIONS, REGOLITH STUDIES, EDL SENSORS, IMAGING, FLIGHT SYSTEMS
28	NAKAGAWA	Hiromu	Japan	RADAR (Sounding), MARTIAN WATER CYCLE, ATMOSPHERE, SPACE WEATHER (aurora)
29	NEISH	Catherine	Canada	RADAR (SAR), ICE DETECTION, SURFACE ROUGHNESS, ANALOGUES, IMAGING, ASTROBIOLOGY

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30	OROSEI	Roberto	Italy	RADAR (Sounding), ICE-RELATED PROCESSES (polar, glacial, periglacial), ANALOGUES, EDL, TRAFFICABILITY, PLANETARY PROTECTION
31	PATTERSON	Gerald	United States	RADAR (SAR, Sounding), HUMAN-CLASS EDL/LANDING SITE CHARACTERIZATION
32	PEARCE	David	England	ASTROBIOLOGY, ANALOGUES, PLANETARY PROTECTION FOR HUMAN MISSIONS, MICROBIOLOGY AND HUMAN HEALTH
33	PUTZIG	Nathaniel	United States	RADAR (Sounding), ICE DETECTION/DISTRIBUTION, OVERBURDEN CHARACTERIZATION, GEOTECHNICAL STUDIES, LANDING SITE ANALYSIS, GIS
34	SEKI	Kanako	Japan	SPACE WEATHER, CLIMATE, ATMOSPHERE, RADIATION, PLASMA
35	SEKINE	Yasuhito	Japan	GEOLOGY, GEOCHEMISTRY, HYDROLOGY, ANALOGUES, HABITABILITY, LANDING SITE ANALYSIS
36	SIBILLE	Laurent	United States	CIVIL ENGINEERING, PROPERTIES/INTERACTIONS ICE-REGOLITH, ISRU, LANDING SITE ANALYSIS, SIMULANTS, REGOLITH CONSTRUCTION,, PLUME INTERACTIONS
37	SMITH	Isaac	Canada	RADAR (Sounding, Modeling), ICE PROCESSES (polar, glacial, geomorphology), ANALOGUES, IMAGING
38	TAMPPARI	Leslie	United States	ICE STABILITY, POLAR PROCESSES, LANDING SITE ANALYSIS, ATMOSPHERE, CLIMATE, EDL
39	THOMAS	Nicolas	Switzerland	RADAR (Modeling), GEOMORPHOLOGY, IMAGING, SIMULANTS, ICE/DUST, LANDING SITE ANALYSIS
40	WHYTE	Lyle	Canada	POLAR/PERMAFROST ASTROBIOLOGY, DRILLING IN CRYOENVIRONMENTS, HABITABILITY
41	ZORZANO	Maria-Paz	Spain	ASTROBIOLOGY/PLANETARY PROTECTION, LANDING SITE ANALYSIS, EDL, MATERIAL CURATION, ATMOSPHERE/CLIMATE/DUST/ WATER CYCLE
EARLY CAREER TEAM				
1	AOKI	Shohei	Japan	MARTIAN WATER CYCLE, ATMOSPHERE (temperature, density, aerosols, trace gases)
2	BICKEL	Valentin	Germany	RADAR (SAR), SURFACE ROUGHNESS, GEOTECHNICAL ENGINEERING, DRILLING, SOIL MECHANICS TESTING, SIMULANT PROPERTIES & BEHAVIORS
3	BUTCHER	Frances	England	RADAR (Sounding) GLACIAL GEOMORPHOLOGY, MIDLATITUDE ICE DEPOSIT DISTRIBUTION, ANALOGUE. LANDING SITE ANALYSIS

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4	GANESH	Indujaa	India (in US)	RADAR (SAR/Sounding/Modeling), LUNAR LANDING SITE CHARACTERIZATION (Hazards, ISRU, Ice Favorability, EDL & EVA), IMAGING
5	GENOVA	Antonio	Italy	GRAVITY MEASUREMENTS, POLAR DENSITY/COMPOSITION, SURFACE ROUGHNESS, TRAFFICABILITY, DEMs
6	HARRINGTON	Elise	Canada (in Norway)	RADAR (SAR), LUNAR SURFACE ROUGHNESS & TRAFFICABILITY, IMAGING, ANALOGUES
7	HIBBARD	Shannon	United States	RADAR (GPR) HUMAN LANDING SITE CHARACTERIZATION, ACCESSIBLE WATER ICE/OVERBURDEN ASSESSMENT, ANALOGUES,, CIVIL ENGINEERING SOIL TESTS.
8	KUROKAWA	Hiroyuki	Japan	MARTIAN CRYOSPHERE/HYDROSPHERE, MODELING, HYDRATED MARTIAN CRUST, ATMOSPHERIC PRESSURE, HYDROGEN ISOTOPES
9	LALICH	Daniel	United States	RADAR (SAR/Sounding/GPR/Modeling), SURFACE ROUGHNESS, MIDLATITUDE & POLAR ICE, ICE/DUST MOBILIZATION PROCESSES
10	NEROZZI	Stefano	Italy (in US)	RADAR (Sounding, GPR), GEOPHYSICAL GLACIAL SURVEYS/ISRU, GEOMECHANICAL STABILITY, GEOMORPHOLOGY, ANALOGUES, ATMOSPHERE
11	SARGEANT	Hannah	England	WATER MAPPING AND DRILL DESIGN FOR ISRU, MECHANICAL PROPERTIES OF REGOLITH, TRAFFICABILITY OF ICY DEPOSITS, LANDING SITE ANALYSIS
12	STUURMAN	Cassie	Canada (in US)	RADAR (SAR/Sounding/GPR/Modeling), RADIOGLACIOLOGY ON EARTH & MARS, ICE-RELATED GEOMORPHOLOGICAL FEATURES, ANALOGUES